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Application No.: 10/560,589

**AMENDMENTS TO THE CLAIMS:***Please amend the claims as follows:*

1. (Currently Amended) A light-emitting device comprising:

a first electrode;

a second electrode provided to be opposite to the first electrode; and

a light-emitting layer which contains a metal oxide semiconductor porous body, by the surface of which an organic light-emitting material is supported, and is provided between the first electrode and the second electrode,

wherein a functional group in the organic light-emitting material is esterified with a hydroxyl group (-OH) existing on the surface of the metal oxide semiconductor porous body to immobilize the organic light-emitting material, such that the organic light-emitting material is chemisorbed to the surface of the metal oxide semiconductor porous body, and

wherein the functional group is selected from the group consisting of a carbonyl group (-COOH), a thiocarboxyl group (-CSOH), a dithiocarboxyl group (-CSSH), a sulfo group (-SO<sub>3</sub>H), a sulfino group (-SO<sub>2</sub>H), a sulfeno group (-SOH), a phosphono group (-PO(OH)<sub>2</sub>), a phosphine group (-PH<sub>2</sub>O<sub>2</sub>), a mercapto group (-SH), a trimethoxysilyl group (-Si(OCH<sub>3</sub>)), a trichlorosilyl group (-SiCl<sub>3</sub>), an amide group (-CONH<sub>2</sub>), and amino group (-NH<sub>2</sub>).

2. (Original) The light-emitting device according to claim 1, wherein the metal oxide semiconductor porous body is composed of a metal oxide semiconductor particulate powder.

3. (Original) The light-emitting device according to claim 2, wherein the metal oxide semiconductor particulate powder is made of an n-type semiconductor material.

4. (Cancelled)

5. (Previously presented) The light-emitting device according to claim 1, further comprising at least one organic layer provided between the first electrode and the second electrode in addition to the light-emitting layer, the organic layer containing an adhesive organic

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material so as to function as an adhesive layer through which adjacent upper and lower layers thereof are bonded together.

6. (Original) The light-emitting device according to claim 5, further comprising a spacer dispersed in the organic layer, by which the thickness of the organic layer is defined.
7. (Original) The light-emitting device according to claim 6, wherein the spacer is composed of transparent or semi-transparent particles.
8. (Previously presented) The light-emitting device according to claim 6, wherein the spacer is made of an insulating material.
9. (Previously presented) The light-emitting device according to claim 6, wherein the particle diameter of the spacer is in the range of 0.01 to 10  $\mu\text{m}$ .
10. (Original) The light-emitting device according to claim 5, wherein the adhesive organic material contained in the organic layer contains at least a polymer-based material.
11. (Previously presented) The light-emitting device according to claim 5, wherein the first electrode is an electron injection electrode, the second electrode is a hole injection electrode, and the organic layer is a hole transport layer, and wherein the hole transport layer functions as an adhesive layer through which adjacent upper and lower layers thereof are bonded together.
12. (Previously presented) The light-emitting device according to claim 5, wherein the first electrode is a hole injection electrode, the second electrode is an electron injection electrode, and the organic layer is a hole transport layer, and wherein the hole transport layer functions as an adhesive layer through which adjacent upper and lower layers thereof are bonded together.
13. (Previously presented) The light-emitting device according to claim 11, further comprising a hole injection layer provided between the hole injection electrode and the hole transport layer.

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14. (Previously presented) The light-emitting device according to claim 11, further comprising an electron transport layer provided between the electron injection electrode and the light-emitting layer.

15. (Withdrawn) The light-emitting device according to claim 1, further comprising a thin film transistor connected to the second electrode.

16. (Withdrawn) The light-emitting device according to claim 15, wherein the thin film transistor is an organic thin film transistor composed of a thin film containing an organic material.

17. (Withdrawn) A display comprising:

a light-emitting device array in which the plurality of light-emitting devices according to claim 15 are two-dimensionally arrayed;

a plurality of x electrodes extending in parallel with each other in a first direction parallel to the surface of the light-emitting device array; and

a plurality of y electrodes extending in parallel with each other in a second direction parallel to the surface of the light-emitting device array and perpendicular to the first direction, wherein each of the thin film transistors of the light-emitting device array is connected to the x electrode and the y electrode.

18. (Withdrawn) The display according to claim 17, further comprising a region composed of a metal oxide semiconductor porous body by the surface of which a black dye is supported, by which the adjacent plurality of light-emitting devices two-dimensionally arrayed are separated from each other.

19-42. (Cancelled)